

شرائح المعدية

فور يو

Sheep
1-RVF
2-Anthrax
3-SGP
4-PPR
5-
Listeriosis
6-Foot rot
7-Oestrus ovis
8- Coenuriosis

Equine
1-EVR
2-EVA
3-Strangles
4-Glanders
5-Tetanus
6- West Nile

Dogs
*Canine distemper
Center for Food Security and Public Health, Iowa State University, 2008

43

Mention the suspected disease:

Rift valley fever (RVF).

Differential Diagnosis:

Infectious diseases causing **abortion in sheep**

I- Bacterial

- 1) Brucellosis
- 2) Leptospirosis
- 3) Listeriosis
- 4) Salmonellosis

II- Viral

- 1) Wessels-borne disease
- 2) Akabane disease
- 3) Blue tongue
- 4) Border disease (BVD).

III- Parasitic

- Toxoplasmosis.

IV- Fungal

- Aspergillus absiedia.

Samples:

- Blood during viraemia
- Liver & spleen from dead animals **or** aborted fetus.



Mention the suspected disease:

PPR (Goat plaque).

D.D:

Infectious diseases causing **oral lesion**

- 1) Blue tongue (BT).
- 2) FMD.
- 3) Malignant form of **sheep pox**.
- 4) Orf (CPD) *****may be

Samples:

- Buffy coats **or** whole blood during viraemia
- Spleen & mesenteric lymph nodes from dead animals.



Mention the suspected disease:

Contagious Pustular dermatitis **CPD** ,Orf

D.D:

Infectious diseases causing **Lameness**

- 1) Blue tongue
- 2) FMD
- 3) Black leg
- 4) Foot root

Samples:

- Scabs from lesions.



Mention the suspected disease:

Sheep pox

D.D:

Infectious diseases causing **skin lesions**
in sheep

- 1) Orf (CPD)
- 2) Demodex mange.
- 3) Ulcerative dermatitis.
- 4) Mycotic dermatitis.

Samples:

- ♥ Blood during viraemia
- ♥ Materials from skin lesion



Mention the suspected disease:

Blue Tongue

D.D:

Infectious diseases causing oral lesion

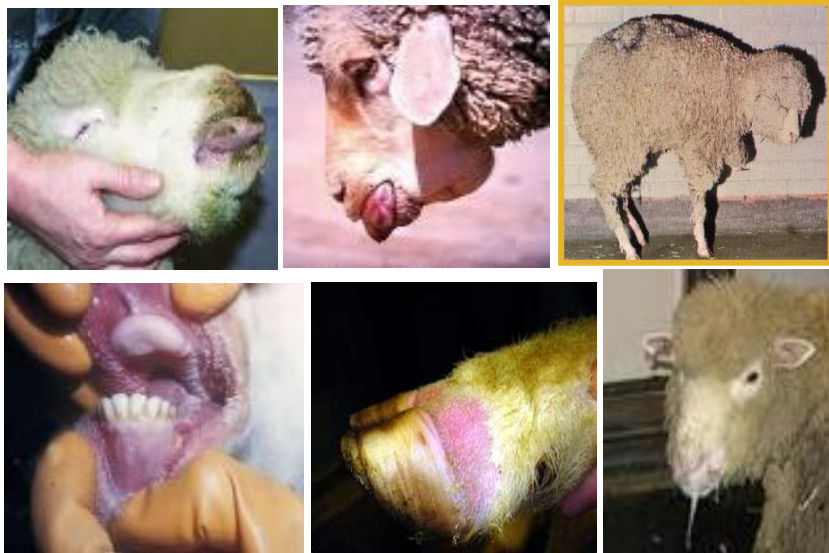
- 1) PPR
- 2) FMD
- 3) Malignant form of sheep pox

Infectious diseases causing Lameness

- 1) FMD
- 2) Black leg
- 3) Foot root
- 4) Orf (CPD)

Samples:

- ♥ Whole blood during viraemia
- ♥ Liver & spleen from dead animals.



Mention the suspected disease:

Listeriosis (meningoencephalitis)

D.D:

Infectious diseases causing nervous manifestations in sheep

- 1) Rabies.
- 2) Pseudo rabies.
- 3) Louping ill.
- 4) Scrapie.
- 5) Coenurosis.

Samples:

- ♥ Brain stem & spinal fluid



Mention the suspected disease:

Caseous lymphadenitis

D.D:

Infectious diseases causing enlargement of superficial Lns in sheep

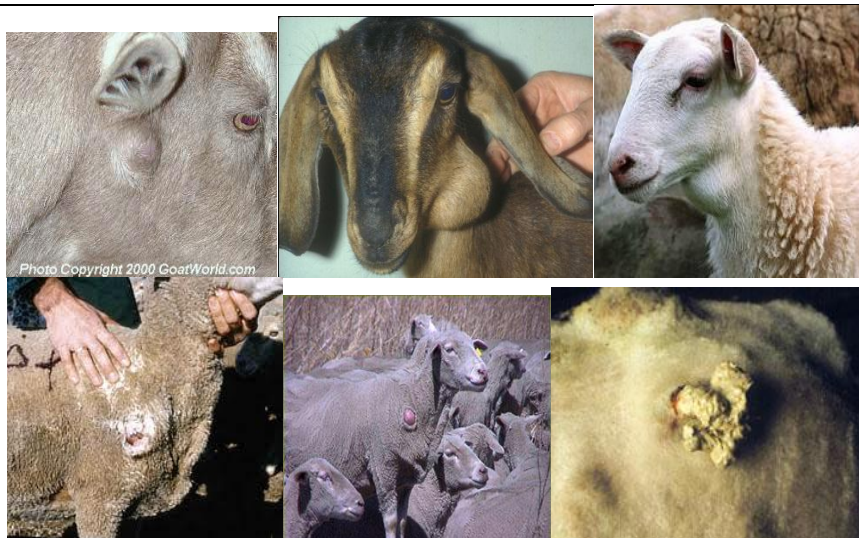
- T.B.
- Actinobacillosis.

Infectious diseases in sheep transmitted through wound

- Tetanus
- Malignant oedema
- Black leg
- Big head

Samples:

Swabs of pus from affected lymph nodes



Mention the suspected disease:

Strangles

D.D:

Infectious diseases causing respiratory signs in equine

I- Bacterial

- Glanders (nasal form)
- Pasteurellosis

II- Viral

- 1) A.H.S. (pulmonary form).
- 2) Equine influenza
- 3) Equine viral arteritis
- 4) Equine viral rhinopneumonitis
- 5) Equine rhinovirus.
- 6) Equine adenovirus

III- Parasitic

- Verminous pneumonia(lung worm)

Samples:

Nasal swab & discharge from abscesses



Mention the suspected disease:

**African horse sickness
Acute form(Pulmonary)**

- Profuse blood stained frothy nasal discharge pulmonary form
- Profuse frothy nasal discharge, pulmonary form

D.D.

(pulmonary form)

Infectious diseases causing respiratory signs in equine.

- 1) Glanders (pulmonary form)
- 2) Pasteurellosis
- 3) Equine influenza
- 4) Equine viral arteritis
- 5) Equine viral rhinopneumonitis

Samples:

- Whole blood during viraemia
- Spleen from dead horse



Mention the suspected disease:

**African horse sickness
Sub-acute form (cardiac)**

D.D.

(Cardiac form)

Infectious diseases causing anasarca in equine

- 1) Babesia
- 2) Equine infectious anemia
- 3) Equine viral arteritis
- 4) purpura haemorrhagica

Samples:

- Whole blood during viraemia
- Spleen from dead horse



Mention the suspected disease:

Ulcerative lymphangitis

D.D.

Infectious diseases causing skin lesions of the lower limbs in horse

- 1) Glanders – skin form (farcy)
- 2) Epizootic lymphangitis
- 3) Sporotrichosis
- 4) Leg mange (Chorioptic mange)
- 5) Horse pox (leg form, very rare)

Samples:

- Swabs of pus from lesions.



Mention the suspected disease:

Rabies

D.D.

Infectious diseases causing nervous signs in dogs

- 1) Pseudo rabies
- 2) Nervous form of canine distemper
- 3) Infectious canine hepatitis
- 4) Cerebral babesiosis

Samples:

- Brain & Salivary gland.



Mention the suspected disease:

Canine Parvovirus infection in dogs (Enteric form)

D.D.

Infectious diseases causing diarrhea in dogs.

- 1) Canine distemper(digestive form)
- 2) Corona virus.
- 3) Salmonellosis.
- 4) Rota virus.

Samples:

- Fecal samples (feces).



Mention the suspected disease:

Trypanosomiasis

D.D.

Infectious diseases causing enlargement of Lns in camels

Dipetalonemiasis + T.B + Camel pox + CPD + Contagious skin necrosis

I. D causing edema, anemia & emaciation in camels

Dipetalonemiasis + T.B.+ Camel pox & CPD(in the face & under lower jaw)

Samples:

Blood smear during febrile stage (Acute form).
Blood & Serum (Chronic form)

